

FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

DATE: 10/20/93 CERTIFICATE OF ANALYSIS

RIVERTON CITY CORP.
P.O. BOX 429
RIVERTON, UTAH
84065

93-235050

SAMPLE: DRINKING WATER SAMPLE COLLECTED 10-4-93, 8:45 A.M. BY
DUANE RECEIVED 10-4-93 FOR ANALYSIS.
STEFFENOFF WELL

59 1594

S 1127 E 670

N4 35 1W

Sec 33

	Results	Method Detection Limit
Alkalinity CaCO3 mg/l EPA310.1	267	.50
Antimony Sb mg/l EPA 204.2	(1) .001	.0005
Arsenic As mg/l EPA 200.9	(2) .003	.0007
Barium Ba mg/l EPA 200.7	.035	.0025
Beryllium Be mg/l EPA 200.7	ND	.00030
Bicarb. HCO3 mg/l SM4500-CO2D	324	.1
Cadmium Cd mg/l EPA 200.7	ND	.0010
Calcium Ca mg/l EPA 200.7	135	.100
Carbon Dioxide CO2 mg/l SM4500-	10.4	.01
Carbonate CO3 mg/l SM4500-CO2D	.8	.10
Carbonate Solids mg/l	160	.30
Chloride Cl mg/l EPA 300	168	.50
Chromium Cr mg/l EPA 200.7	.004	.0025
Cond. umhos/cm EPA 120.1	1300	.1
Copper Cu mg/l EPA 220.1	ND	.007
Cyanide Cn tot. mg/l EPA 335.2	ND	.050

(1) MATRIX SPIKE BIASED HIGH.

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	Results	Method Detection Limit
=====	=====	=====
Fluoride, F mg/l EPA 300	<.1 ✓	.05
Hardness, CaCO ₃ mg/l EPA 242	487 ✓	1.0
Hydrox. as OH mg/l SM4500-CO ₂ D	ND ✓	.10
Iron Fe mg/l EPA 236.1	.025 ✓	.010
Lead Pb mg/l EPA 239.2	.004 ✓	.0007
Magnesium Mg mg/l EPA 200.7	36.7 ✓	.100
Manganese Mn mg/l EPA 243.1	ND ✓	.0050
Mercury, Hg mg/l EPA 245.1	ND ✓	.0002
Nickel Ni mg/l EPA 249.2	ND ✓	.001
Nitrate NO ₃ -N mg/l EPA 300	3.04 ✓	.01
Nitrite NO ₂ -N mg/l EPA 354	.02 ✓	.01
Phosphorus Tot P mg/l EPA 365.	ND ✓	.10
Potassium K mg/l EPA 200.7	3.57 ✓	.16
Selenium Se mg/l EPA 270.2 (2)	.001 ✓	.0005
Silver Ag mg/l EPA 272.1	ND ✓	.0012
Sodium Na mg/l EPA 200.7	100 ✓	.500
Sulfate SO ₄ mg/l EPA 300	200 ✓	.5
Susp. Solids mg/l EPA 160.2	2	1.0
Thallium Tl mg/l EPA 279.2	ND	.0005
Tot.Dis.Solids mg/l EPA 160.1	856 ✓	10.0
Turbidity NTU EPA 180.1	ND ✓	.50

(2) ESTIMATED QUANTITY, ELEMENT DETECTED IN LAB BLANK.

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	Results	Method Detection Limit
Zinc Zn mg/l EPA 289.1	.007	.0045
pH Units EPA 150.1	7.3 ✓	


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* ND - INDICATES NONE DETECTED *

** < - INDICATES THE SMALLEST QUANTITY DETECTABLE DUE TO REQUIRED DILUTION **

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